

The Anchorage Amateur Radio Club News Bulletin

April, 1995

Anchorage Amateur Radio Club Newsletter
Editor - Harvey Rookus, NL7DK

Vol. 24, No. 4

Glenallen



Come and Get Your Questions Answered about the H.A.R.P. Project*

*High Frequency Active Auroral Research Program

Friday, April 7th 7p.m.

Atwood Center on Alaska Pacific University

Inside

Page 2 Club Info/Calendar

Page 3 For Sale VEC Exam Results Treasurer's Balance Sheet

Page 4 "Pobeda" (Victory) Award

Page 5 A Simple DX Antenna Description **STOLEN RADIO**

Page 6 DX Antenna Layout

Page 7 Community Service Effort; Hanky-Panky In The Ham Shack

AARC GENERAL MEETINGS are held on the first Friday evening of each month on the 2nd floor of Atwood Center, Alaska Pacific University Campus. The campus is located at 4101 University Drive and Bragaw St. Parking is available in the lot in front of the building. The meetings begin at 7:00 PM and visitors are always welcome! The AARC legendary raffle is open to everyone!

AARC BOARD MEETINGS are held on the 2nd Wednesday evening of the month in Room 104 of the Carr Gottstein Building on the APU campus. The meetings begin at 7:00 PM and are open to all club members and visitors.

ANCHORAGE ARES NET The Anchorage area Amateur Radio Emergency Services Net is held each Thursday evening at 8:00 PM on the KL7ION repeater on 147.3 (+.600). Net control is Lil Marvin, NL7DL and alternate NCS is KL7IO. The Westlink Amateur Radio report, Swap N' Shop and the PARKA Net follow the ARES Net on the same frequency.

THE KL7AA REPEATERS sponsored by the club are as follows:

KL7AA 146.94 (-.600) 100.0 or 141.3Hz tone. Anchorage area * + number for patch # to hang up. (5 min time limit)

Patch on 0600 - 2200 daily, 0700 - 2339 Pri/Sat, 0700 - 2200 Sundays. Emergency motodial enables 24 hrs a day. Emergency motodial numbers (10 minute resettable timer)

911 for life or death

912 Anch Police Dispatch

913 AK State Trooper Dispatch

hangs up Emergency numbers also

KL7AA 146.76 (-.600) 141.3Hz tone Mt. Alyeska, and Girdwood areas.

KL7AA 224.94 (-1.6) NO TONE Anchorage area.

KL7AA 444.70 (+3.0) 100.0Hz tone Anchorage area. Patch enabled 24 hour a day. * + number for patch # hangs up patch. (5 minute time limit) Emergency motodial enabled 24 hours a day. (10 minute resettable timer).

911 Life or death

912 Anch Police Dispatch

913 AK State Trooper Dispatch

hangs up Emergency numbers also.

A reminder that not only is using an Amateur phone patch system to bypass the Long Distance carrier illegal, it can also result in the loss of the entire phone patch system. Prefix's outside the Anchorage dialing area are disabled.

The repeater trustee is William Reiter, KL7ITI. Doug Dickinson, KL7IKX is chairman of the VHF/UHF committee.

KL7AA PACKET OPERATIONS The KL7AA Packet BBS. Callsign of the PBBS is KL7AA-7 (ANCBBS). Callsigns of the multi-frequency switch are KL7AA-8 (AARC), KL7AA-7 & KL7AA-8, and operate on user frequencies of:

143.010 and 147.960 (147.960 is the statewide ADES provided backbone). Linking from 143.050, and 440.050 is provided through multi-frequency switches throughout the city.

KL7AA operates a high power Node switch on 143.01 from the Rabbit Creek area, with the callsign of KL7AA-1 (Anc), as well as a Node switch on the top of the Arco building in downtown Anchorage, on 143.050 KL7AA-3 (Anc3).

KL7AA also operates an HF Gateway with the callsign of KL7AA-10 (HF80) on 3.605 Mhz. This gateway has access to all local and statewide networks.

The AARC sponsors an Amateur Internet Gateway station, NL7NC-9 (AKGATE). This gateway is available from any of the local Node stations on 143.01, 143.05, 440.050, or 147.960.

A reminder that 147.960 is the State sponsored ADES backbone link connecting Fairbanks, Anchorage, Homer, Kodiak, and Juneau together. User access for keyboard to keyboard activity is best accomplished between 1600 and 2200 daily, during this time, the Packet BBS stations will hold off from heavy bulletin forwarding.

ALL PBBS AND USER ACTIVITY IS SECONDARY TO EMERGENCY REQUIREMENTS OF THE ALASKA DIVISION OF EMERGENCY SERVICES (ADES).

Calendar

April

VEC Tests 5th

AARC Meeting 7th

VEC Tests 8th

AARC Board Mtg 12th

SCRC Meeting 14th

VEC Tests 19th

May

VEC Tests 3rd

AARC Meeting 5th

AARC Board Mtg 10th

SCRC Mtg 12th

VEC Tests 13th

VEC Tests 17th

WOULD YOU

Be interested in writing a column for the Newsletter? It would be great if we had a column on: DXing; YL's; maybe a question and answer column. If you have ever wanted to do such a thing, now is your chance with no questions asked. If you have an Idea(s) for a column submit these to the Editor and I doubt if he will do more than greet you and your ideas with open arms.

Editor - NL7DK

The Anchorage Amateur Club Radio News Bulletin is the monthly newsletter of the Anchorage Amateur Radio Club. Permission is granted for reproducing articles appearing in the Anchorage Amateur that do not indicate a copyright separate from the Anchorage Amateur Radio Club. Letters to the Editor and articles for publication should be submitted to Harvey Rookus, NL7DK, 3310 Checkmate Drive, Anchorage 99508. Telephone number (907) 333-4693. Articles and Notices for the paper should be typewritten or on IBM compatible formatted computer disks (5.25 or 3.5 inch). Graphic illustrations for articles are also welcome. Deadline is the 20th of each month.

For Sale Wanted Misc

FOR SALE

ICOM 281 H, 144 mhz FM Transceiver, (Automobile Unit), New in the box - never used. Make Offer. Call David Evans AL7JZ 349-7862 Home/267-1446 work.

WANTED

The PITCAIRN AMATEUR RADIO CLUB needs some help! If anyone has a 386 computer and printer gathering dust the PARC could certainly put it to good use. Call Dave Evans @ 349-7862 Home / 267-1446 for details.

FOR SALE

Commodore 64 with Packet software. Also Commodore Monitor. \$25 and haul it away!! Call Harvey 333-4693 NL7DK.

VEC TEST RESULTS

ANCHORAGE	CALL	FROM	TO
CHRISTOPHER E. BROWN		NO LICENSE	TECHNICIAN
BARRY C. DEARBORN		NO LICENSE	TECHNICIAN
KEVIN M. FARIS		NO LICENSE	TECHNICIAN
PATRICK M. JEHLIN		NO LICENSE	TECH PLUS
RICHARD L. LANGTON	NL7PA	GENERAL	ADVANCED
JOHN J. MOORE (14)		NO LICENSE	TECHNICIAN
RAY A. MOTTLEY		NO LICENSE	TECHNICIAN
KYLE W. SANDEL		NO LICENSE	TECHNICIAN
R. STAN SOTH	WL7CJK	TECHNICIAN	TECH PLUS
BETHEL			
BIG LAKE			
BYERS LAKE			
EAGLE RIVER			
RICHARD L. AYERS		NO LICENSE	TECHNICIAN
MICHAEL R. BORER		NO LICENSE	TECHNICIAN
EDWARD G. BRODERICK	WL7ZA	TECH PLUS	AMATEUR EXTRA
MICHAEL V. DILLON	K6QOW	ADVANCED	AMATEUR EXTRA
KEVIN G. FORSTER	AL7MX	ADVANCED	AMATEUR EXTRA
JOEL P. HOLBROOK	AL7PQ	ADVANCED	AMATEUR EXTRA
DANIEL L. HORVATH		NO LICENSE	TECHNICIAN
DANIEL C. OLIVA (10)		NO LICENSE	TECHNICIAN
PETER E. OLIVA II		NO LICENSE	TECHNICIAN
RALPH O. WILKERSON		NO LICENSE	TECHNICIAN
LEONARD P. WORCESTER	WL7DM	ADVANCED	AMATEUR EXTRA
FAIRBANKS			
DAVID A. AKERS (16)		NO LICENSE	TECHNICIAN
GREG D. ALDRICH (12)		NO LICENSE	TECHNICIAN
JAMES BATCHELLER		NO LICENSE	TECHNICIAN
ELSTE S. BEAMAN		NO LICENSE	TECHNICIAN
RODERICK L. BEAMAN		NO LICENSE	TECHNICIAN
THOMAS A. GRIFFITH	WL7HP	GENERAL	ADVANCED
KEITH E. HERVE		NO LICENSE	TECHNICIAN
AARON HOLBROOK (17)		NO LICENSE	TECH PLUS
LEE A. KUZNETSOV		NO LICENSE	NOVICE
TERRY L. MARSH	WL7CH	TECHNICIAN	GENERAL
LINDA S. MCGINNIS		NO LICENSE	TECHNICIAN
WARD M. MERDES	KL7XW	ADVANCED	AMATEUR EXTRA
KIRK E. NELSON		NO LICENSE	TECHNICIAN
TERRY A. PRESTON	WL7TY	TECHNICIAN	TECH PLUS
JONATHAN A. RICHE (16)	WL7CHT	TECH PLUS	GENERAL
WALTER L. RUTHERFORD	WL7BVX	NOVICE	TECH PLUS
MARGARET S. A. STEVENS		NO LICENSE	TECH PLUS
DAVID A. STOOT		NO LICENSE	TECHNICIAN
CLAUDIA J. TESSIER		NO LICENSE	TECHNICIAN
JUNEAU			
JOHN A. ALDRIGHETTE	WL7CJR	TECHNICIAN	TECH PLUS
JOHN A. ALDRIGHETTE	WL7CJR	TECH PLUS	AMATEUR EXTRA
BRUCE W. BAMBRICK		NO LICENSE	TECHNICIAN
SHELLY J. BRADY		NO LICENSE	TECHNICIAN
POLLY A. DEWEY		NO LICENSE	TECHNICIAN
LAURIE A. FUGLVOG	WL7BKB	NOVICE	TECH PLUS
RON C. HAGERUP	WL7ZN	TECHNICIAN	TECH PLUS
THOMAS D. KOHLER		NO LICENSE	TECHNICIAN
JACK R. KREINHEDER		NO LICENSE	TECHNICIAN
REX B. RICHARDSON		NO LICENSE	TECHNICIAN
REBECCA C. SAKARIAS (14)		NO LICENSE	NOVICE
REBECCA C. SAKARIAS (14)	WL7CKL	NOVICE	GENERAL
NORMAN J. SNYDER JR	KL7RS	ADVANCED	AMATEUR EXTRA
DEBORAH K. VERRELLI		NO LICENSE	TECHNICIAN
PAUL J. WISTRAND		NO LICENSE	TECHNICIAN
KENAI			
JOHN P. NUSSBAUN		NO LICENSE	TECH PLUS
PALMER			
PETERSBURG			
SOLDOTNA			
TRAPPER CREEK - VALDEZ-WASILLA-WILLOW			

BALANCE SHEET

As of 3/07/95

Account	Balance

ASSETS	
CURRENT ASSETS	
AARC Gaming-	12,418.25
AARC Holding-	303.80
Business Acct-	<u>8,620.93</u>
TOTAL CURRENT ASSETS	21,342.98
FIXED ASSETS	
Life Members-	19,762.84
SBS FMA Bond-	<u>5,277.55</u>
TOTAL FIXED ASSETS	25,040.39
TOTAL ASSETS	<u>46,383.37</u>
TOTAL LIABILITIES	0.00
EQUITY	
EQUITY ACCOUNTS	
Open Bal Eqly	<u>44,352.18</u>
TOTAL EQUITY ACCTS	44,352.18
CURRENT EARNINGS	<u>2,031.19</u>
TOTAL EQUITY	46,383.37
TOTAL LIABILITIES AND EQUITY	<u>46,383.37</u>



ЦЕНТРАЛЬНЫЙ РАДИОКЛУБ РФ им. Э. Т. КРЕНКЕЛЯ

The Krenkel Central Radio Club of the Russia

123459, Москва, Походный проезд 23,
тсч. 949-53-02P. O. Box 88, Moscow,
Russia, tel. 949-52-51

№ 11

« 29, November 1995 г.

TO ALL RADIO AMATEUR ORGANIZATIONS,
ALL RADIO AMATEURS OF THE WORLD

Dear Sirs,

See
Next

Month →

We have the pleasure to send the rules of traditional
(39th CQM International DX Contest 1995) and "Pobeda" (Victory)
award and invite all radio amateurs of your country to parti-
cipate in these events. These rules are enclosed.

We kindly ask you to publish these rules in your magazine
and information materials.

Thank you very much in advance and wish you and radio
amateurs of your country Happy New Year, 1995.

With best regards and 73,

Chief of the Krenkel Central Radio Club of RF

V. Bondarenko UR3BW

The "Pobeda" (Victory) Award

is sponsored by the Krenkel Central Radio Club of RF
on the occasion of the 50 years of Victory of the soviet
peoples over German fascism (1945 - 1995 years).

This award is available to all licensed radio amateurs
and SWLs for contacting radio stations of Russia during
1995 year (1.01.1995 - 31.12.1995).

Requirements follow:

- for radio amateurs - veterans WW-II - 10 different QSOs;
- for other radio amateurs - 50 QSOs with different radio
stations of Russia, including 5 QSOs with radio amateurs-
veterans WW-II.

There are no band or mode limitations.

The "Pobeda" award is issued free of charge. Send applications,
signed by two radio amateurs, to the Krenkel Central Radio Club
of RF: P.O.Box 88. Moscow. Russia.

A SIMPLE DX ANTENNA FOR 80M: THE KL7 DXLOOP

The HF bands are really the pits these days, right? Well, yes, but 80M is occasionally good for dx. I was frustrated with the mediocre performance of the dipole, even with it elevated at 60 feet.

My computer came up with this design with a 50 ohm feed (no matching required!) I am getting a perfectly flat SWR at resonance, according to the Bird 43, and about 110 KC BW @ 2:1 SWR. The computer indicates approximately 2.4 Db gain over a standard dipole (vs 1.1 Dbd for the standard quad loop).

It works really well compared to a dipole down into the 48 and Canada (about 3-4 S units difference) but is not as good for the local nets. Apples and oranges; one is good for short haul and one for the long haul. Neither is good for both.

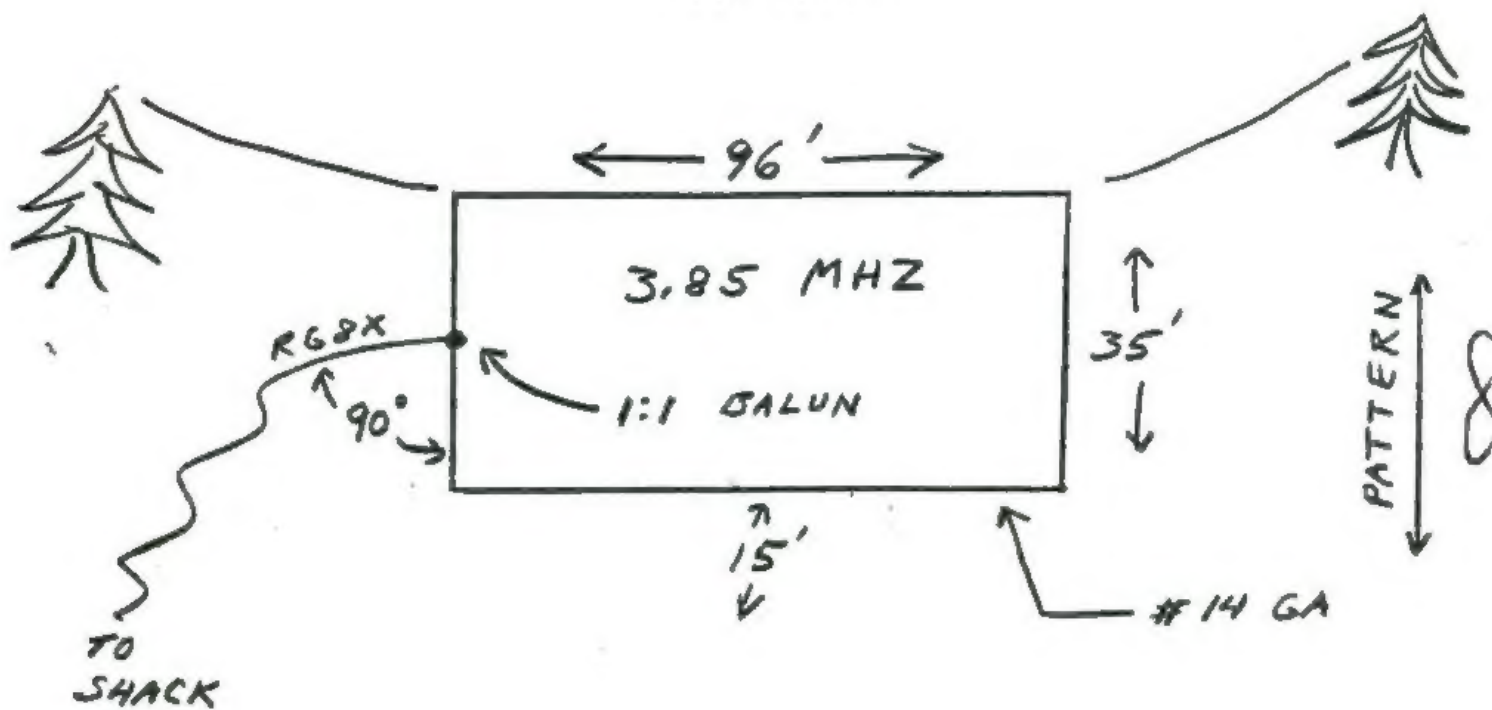
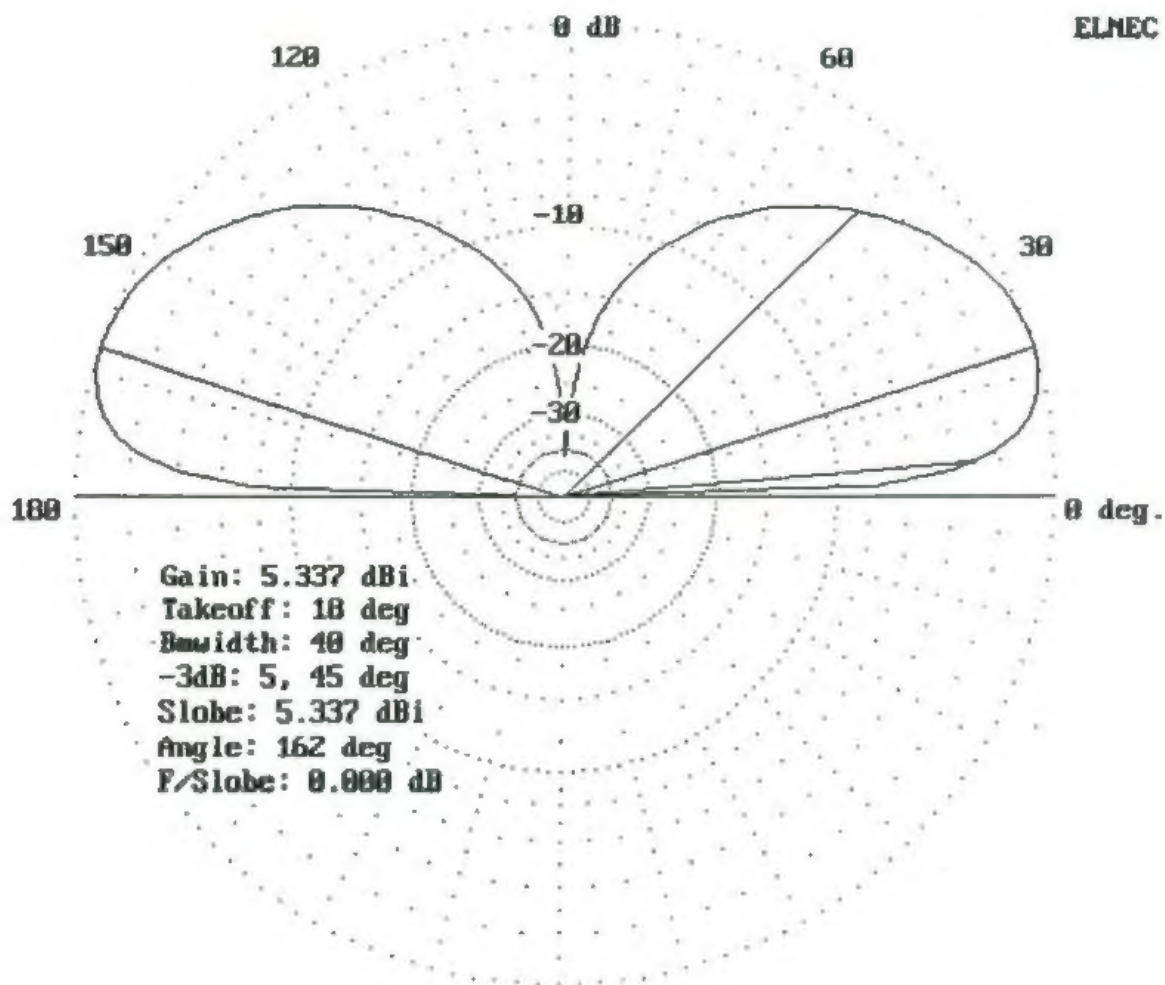
It was no fun getting it up in the trees in winter ...but worth it! Due to the stretch design a couple of 50 foot trees will do. Maybe it would even work lower to ground (?) Lastly, it really wasn't named after Ron, KL7DX, a great guy and fellow Motley netter!

Marshall, KL7EU
P.O. Box 432
Seward, AK 99664

STOLEN RADIO

I received a call on March 25th from Roy Hansen - KL7GQ of Valdez. He had a YAESU FT 900 HF RADIO, Serial Number 4J050278, STOLEN FROM HIS VEHICLE on I am assuming the night of the 24th. He is asking for anyone who may be contacted about such a radio to please contact:

1. Valdez Police Department at 835-4560 or
2. Roy Hansen - KL7GQ at 835-3018 with any information pertaining to the above Radio! A reward is being offered. Also taken at the same time was the Control Head for a Kenwood TM 732A UHF/VHF, with microphone. This will probably be thrown away, so it might turn up in the trash somewhere!



NOTE: LOOP IS VERTICAL, NOT HORIZONTAL

Please join us in a Community Service Effort: The Smoke Detector Project

A.A.R.C. members are invited to join our local firefighters and visit our local trailer parks to help test, and when necessary, install smoke detectors in homes! All our welcome! Project is well organized.

Saturday April 15th 10:30 am to 1 p.m.

*Meet at Fire Station 12(off the New Seward Highway
near Dimond)*

*For more information contact
Gerianne WL7RY at 248-7027*



Hanky-Panky In The Ham Shack

de Jim, KB7TZ

What's going on between all those male and female connectors hiding behind the ham shack gear? I never suspected -- until the other night when I was enjoying a CW QSO with a station in California.

Each time I touched my key, the lights dimmed. That might have been understandable had I been running a kilowatt, but I was only using 100 watts.

Then I took a hard look at my operating position and was horrified by what my ham shack had become: a web of wires and cables, only a few of which I could identify. The tangle was so intricate that even the spiders were getting lost. How could this have happened? I'm a reasonably neat person. Something mysterious is going on.

I plugged in my antique A.C. voltmeter and touched the key (using the dummy load, of course). The voltage dropped to 108, dimming lights confirmed the reading.

That did it! I tore down the station.

Entangled in this snarl I discovered RF cables to long-gone antennas, power cubes with 12-volts on them terminating in nothing, no less than three multi-outlet power strips connected to a single wall socket. Did I create this octopus? Of course not, I told myself. I know better. Could it be that those male and female connectors were getting together after I went QRT, giving birth to this mess?

Well, this chaotic "family" was about to be broken. I ripped EVERYTHING out, making sure all power was disconnected before I began my "surgery."

First, the old power cubes were unplugged and set aside for possible later use. Next, every connector, every cable, every wire was labeled with masking tape -- at BOTH ends.

Last, all radio equipment was connected to a wall outlet separate from the computer gear, surge protectors installed on both.

With everything re-routed and labeled, all the spiders released, it was time for the old ham radio standby: the "smoke test".

Eyes on the A.C. meter, key down (still on the dummy load) -- nary a flicker, as my granddad would have said -- 118 volts! And I'd freed up one whole A.C. power strip in the process (not to mention a bunch of imprisoned critters).

Now, if I can only keep those male and female connectors from

73 with permission from James R. Stephens, KB7TZ

FCC Details on Vanity Call Signs

Thanks to Rick KL7YF for bringing this to my attention. Be sure to check the APRIL 1995 QST magazine, page 41 for all the nitty, gritty details! If you don't get QST and are interested, there will be a few copies from W5YI, courtesy of KL7YF and NI7DK

ANCHORAGE AMATEUR RADIO CLUB, INC.
Post Office Box 101987
Anchorage, Alaska 99510-1987

Address Correction Requested

BULK RATE
U. S. POSTAGE

PAID

Anchorage, AK
Permit 223

LB36 EXB499
ROGER HANSEN
POB 528343
BIG LAKE

KL7HFD

AK 99632

NOTE: Meeting to be held at Atwood Center second floor. Third building on the left when entering campus! See you there!!

Program: H.A.R.P. Project*

***High Frequency Active Auroral Research Program**

R & L ASSOCIATES

Rodney Maney - Owner

(907) 229-1163 268-7232 Beeper



Bookkeeping
Service

Accounting
Software
Dealer

NEO LIFE

Independent Distributor

ACCENT ON HEALTH

WILLIAM & ELEANOR REITER

Family Health Consultants

P.O. Box 141108 • Anchorage, Alaska 99514

(907) 337-1779

FOR SALE

THE FOLLOWING AMATEUR RADIO EQUIPMENT IS PRICED FOR A QUICK SALE. YOU CAN COME BY AND SEE THE GEAR ALMOST ANY EVENING BY APPOINTMENT.

ASTRON POWER SUPPLIES (RS-7A & RS-35M).
WATTMETERS (BIRD MODEL #43 WITH SLUGS, DRAKE W-4, AND DAIWA 150-450).

LOW PASS FILTER, 1000 WATT (DRAKE).

MONITORS (SANYO & PANASONIC).

DUMMY LOAD, DRAKE DL 1000.

2-METER AMPLIFIERS, 50 WATT, HENRY.

NYE 3,000W ANTENNA IMPEDANCE MATCHING NETWORK.

HENRY 3K CLASSIC LINEAR AMPLIFIER WITH 10 METERS. THE ULTIMATE AMP.

ICOM, 4-SAT, WITH TONE, HAND-HELD, 440.

ICOM, 2-4-AT, WITH TONE, HAND-HELD, DUAL 2-METER & 440.

ICOM, 2-SAT, WITH TONE, HAND-HELD, 2-METER.

KEYS (HAMKEY MODEL H-K-1 AND MASTER KEY MODEL 330-001).

BENCHER IAMBIC PADDLES (GOLD & SILVER).

BALUNS, CS-401 COAX SWITCHES, AND HEADPHONES.

PHOTOVOLTAICS

BILL PHIFER, AL7IG, 243-0433.